Interference Search

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	9	548/311.7	US-PGPUB	OR	ON	2007/02/28 11:44
L16	664	514/397	US-PGPUB	OR	ON	2007/02/28 11:44
L17	61	l16 and imidazoline	US-PGPUB	OR	ON	2007/02/28 11:47
L18	19	548/266.4	US-PGPUB	OR	ON	2007/02/28 11:48
L19	36	548/526	US-PGPUB	OR	ON	2007/02/28 11:47
L20	477	514/383	US-PGPUB	OR	ON	2007/02/28 11:48
L21	32	l20 and imidazoline	US-PGPUB	OR	ON	2007/02/28 11:49
L22	635	514/422	US-PGPUB	OR	ON	2007/02/28 11:49
L23	28	l22 and imidazoline	US-PGPUB	OR	ON	2007/02/28 11:49

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	149	548/311.7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:38
L2	11	l1 and (imidazoline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:39
L3	125	548/266.4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:39
L4	5	l3 and imidazoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:39
L5	341	548/526	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:39
L6	10	l5 and imidazoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:39
L7	2448	514/397	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:39
L8	200	l7 and imidazoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:40
L9	31	l8 and ocular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:41

EAST Search History

L10	2148	514/383	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:41
L11	91	l10 and imidazoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:41
L12	11	l11 and ocular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:41
L13	2569	514/422	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:41
L14	68	l13 and imidazoline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 11:41

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                MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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 NEWS LOGIN     Welcome Banner and News Items
 NEWS IPC8      For general information regarding STN implementation of IPC 8
 NEWS X25       X.25 communication option no longer available

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FILE 'HOME' ENTERED AT 11:27:22 ON 28 FEB 2007

=>  fil reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 11:27:28 ON 28 FEB 2007
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DICTIONARY FILE UPDATES:  27 FEB 2007  HIGHEST RN 923673-01-2

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experimental property data in the original document.  For information
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Uploading C:\Program Files\Stnexp\Queries\10525410final.str
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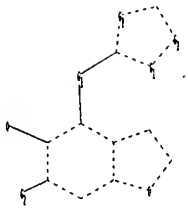
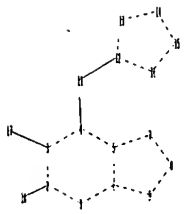
10525410final





chain nodes :
11
ring nodes :
1 2 3 4 5 6 7 8 9 12 13 14 15 16
ring/chain nodes :
17 18
chain bonds :
4-11 11-12
ring/chain bonds :
2-18 3-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 12-13 12-16 13-14 14-15 15-16

exact/norm bonds :
1-2 1-6 2-3 2-18 3-4 3-17 4-5 4-11 5-6 5-7 6-9 7-8 8-9 11-12 12-13
12-16 13-14 14-15 15-16
isolated ring systems :
containing 12 :

G1:C,N

G2:C,H

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS
12:Atom 13:CLASS 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS

L1 STRUCTURE UPLOADED

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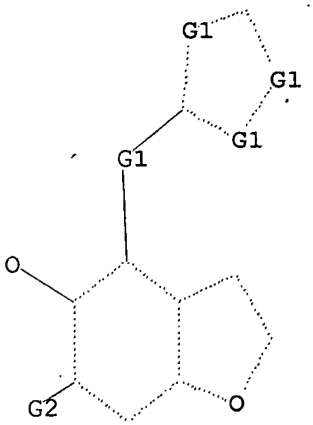
=> ld
LD IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d
L1 HAS NO ANSWERS
L1 STR



G1 C,N
G2 C,H

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 11:27:50 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 187890 TO ITERATE

100.0% PROCESSED 187890 ITERATIONS (1 INCOMPLETE) 8 ANSWERS
SEARCH TIME: 00.00.01

L2 8 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 172.10 172.31

FILE 'CAPLUS' ENTERED AT 11:27:55 ON 28 FEB 2007
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FILE LAST UPDATED: 27 Feb 2007 (20070227/ED)

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http://www.cas.org/infopolicy.html

=> s l2
L3   3 L2

=> d ibib abs hitstr tot

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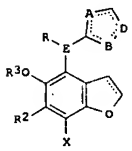
L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:511144 CAPLUS
DOCUMENT NUMBER: 139:85345
TITLE: Preparation of novel benzodifuranimidazolines and benzofuranimidazolines for the treatment of glaucoma
INVENTOR(S): Feng, Zixia; Hellberg, Mark R.
PATENT ASSIGNEE(S): Alcon, Inc., Switz.
SOURCE: PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003053436	A1	20030703	WO 2002-US39316	20021209
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR				
TW 593302	B	20040621	TW 2002-91134883	20021129
CA 2469904	A1	20030703	CA 2002-2469904	20021209
AU 2002353088	A1	20030709	AU 2002-353088	20021209
EP 1455780	A1	20040915	EP 2002-790063	20021209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002015172	A	20041019	BR 2002-15172	20021209
CN 1606441	A	20050413	CN 2002-825464	20021209
JP 2005513103	T	20050512	JP 2003-554193	20021209
ZA 2004004473	A	20050607	ZA 2004-4473	20040607
US 2006009503	A1	20060112	US 2005-525410	20050128
PRIORITY APPLN. INFO.:			US 2001-343378P P	20011220
			WO 2002-US39316 W	20021209

OTHER SOURCE(S): MARPAT 139:85345
GI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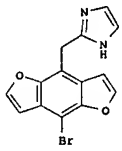
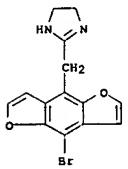

II

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB The title compds. [I; A, B, D = N, C, with the proviso that at least one of A, B or D = N; E = C, N; R = H, alkyl; R2, R3 = H, alkyl, alkenyl; or R2 and R3 together can form 5-6 membered ring; X = H, halo, alkyl, CF3], useful for lowering intraocular pressure and providing ocular neuroprotection, were prepared E.g., a multi-step synthesis of II.HCl, starting with bis(2-hydroxyethyl)hydroquinone, was given. The compound II.HCl showed IC50 of 0.46 nM and 6.4 nM against 5-HT2 and 5-HT1A receptor binding, resp. The compound II.HCl showed EC50 of 110 nM against α2A receptor binding. The pharmaceutical compns. comprising compds. I were claimed.
IT 554402-13-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of novel benzodifuranimidazolines and benzofuranimidazolines for the treatment of glaucoma)
RN 554402-13-0 CAPLUS
CN 1H-Imidazole, 2-[(8-bromobenzo[1,2-b:4,5-b']difuran)methyl]-4,5-dihydro-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:848926 CAPLUS
DOCUMENT NUMBER: 136:119162
TITLE: Preparation and characterization of a new solvent-free polymer electrolyte based on spiroketal structure
AUTHOR(S): Tsutsumi, Hiromori; Shirotani, Rumiko; Onimura, Kenjiro; Oishi, Tsutomu
CORPORATE SOURCE: Department of Applied Chemistry and Chemical Engineering, Faculty of Engineering, Yamaguchi University, Yamaguchi, 755-8611, Japan
SOURCE: Electrochemical and Solid-State Letters (2001), 4(12), A195-A196
CODEN: ESLEF6; ISSN: 1099-0062
PUBLISHER: Electrochemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Solvent-free solid polymer electrolytes based on spiropolymers were prepared and their properties were confirmed by conductance, differential scanning calorimetry, and X-ray diffraction measurements. The spiropolymer was synthesized from the bicyclic diketone and pentaerythritol. The spiro-polyketal (SP) dissolves lithium perchlorate and the conductivity of the (SP)1.5(LiClO4)1 complex is 4.24 + 10-5 S cm-1 at 30° and 3.83 + 10-4 S cm-1 at 60°.
IT 391671-11-7P
RL: POF (Polymer in formulation); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(preparation and characterization of a new solvent-free polymer electrolyte based on spiroketal structure)
RN 391671-11-7 CAPLUS
CN Poly(3''a,6''a-diethyltetrahydrodispiro[1,3-dioxane-5,5'-[1,3]dioxane-2',2''(1''H)-pentalene]-2,5''(3''H)-diylidene) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:543579 CAPLUS
DOCUMENT NUMBER: 122:314550
TITLE: Preparation of (imidazolylalkyl)benzofurans and analogs as TXA2 synthetase and 5-lipoxygenase inhibitors and oxygen scavengers
INVENTOR(S): Ohuchida, Shuichi; Nambu, Fumio; Toda, Masaaki
PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 151 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 640609	A1	19950301	EP 1994-306175	19940822
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CA 2117551	A1	19950225	CA 1994-2117551	19940823
JP 07112980	A	19950502	JP 1994-221003	19940823
US 5534536	A	19960709	US 1994-294015	19940823
TW 403743	B	20000901	TW 1994-83107705	19940823
CN 1110969	A	19951101	CN 1994-117330	19940824
KR 192134	B1	19990615	KR 1994-20872	19940824
US 5750544	A	19980512	US 1996-635318	19960419
PRIORITY APPLN. INFO.:			JP 1993-231004 A	19930824
			US 1994-294015 A3	19940823

OTHER SOURCE(S): MARPAT 122:314550
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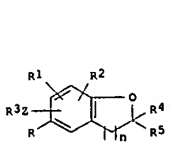
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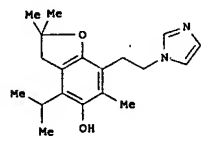
II

AB Title compds. [I; R = OH, alkoxy, OBz, (di)(alkyl)amino, etc.; R1,R2 = H, halo, (cyclo)alkyl, alkoxy, etc.; R3 = 1 or 2 N-containing heterocyclyl; R4,R5 = H, (phenyl)alkyl; CR4R5 = cycloalkyl; Z = alk(en)ylene, alkyleneoxy, (CH2)1-6O2; Z1 = 1,4-phenylene; n = 1-3] were prepared Thus, title compound II.HCl, prepared in 14 steps from 3-isopropyl-5-methylphenol, gave 74 and 92% inhibition of LTB4 and TXB2 production in whole human blood at 10μM in vitro.
IT 162962-70-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological

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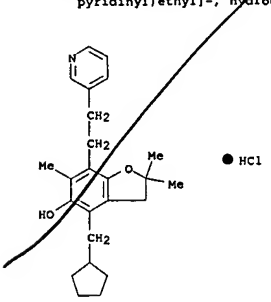
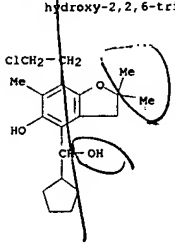
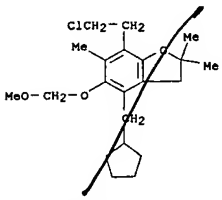
L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of (imidazolylalkyl)benzofurans and analogs as TXA2 synthetase and 5-lipoxygenase inhibitors and oxygen scavengers)
RN 162962-70-1 CAPLUS
CN 5-Benzofuranol, 4-(cyclopentylmethyl)-2,3-dihydro-2,2,6-trimethyl-7-[2-(3-pyridinyl)ethyl]-, hydrochloride (9CI) (CA INDEX NAME)



IT 162963-70-4P 162963-71-5P 162963-72-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of (imidazolylalkyl)benzofurans and analogs as TXA2 synthetase
and 5-lipoxygenase inhibitors and oxygen scavengers)
RN 162963-70-4 CAPLUS
CN 4-Benzofuranmethanol, 7-(2-chloroethyl)-α-cyclopentyl-2,3-dihydro-5-hydroxy-2,2,6-trimethyl- (9CI) (CA INDEX NAME)



L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 162963-71-5 CAPLUS
CN Benzofuran, 7-(2-chloroethyl)-4-(cyclopentylmethyl)-2,3-dihydro-5-(methoxymethoxy)-2,2,6-trimethyl- (9CI) (CA INDEX NAME)



RN 162963-72-6 CAPLUS
CN Benzofuran, 4-(cyclopentylmethyl)-7-ethenyl-2,3-dihydro-5-(methoxymethoxy)-2,2,6-trimethyl- (9CI) (CA INDEX NAME)